

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1 - 54. (Canceled)

55. (New) A reduced visibility insect screen comprising:  
a screen of intersecting fibers; and,  
a coating applied to the fibers;  
wherein the coating has a thickness of 0.1 to 0.3 mils.

56. (New) The screen of claim 55, wherein the thickness is 0.15 mils.

57. (New) The screen of claim 55, wherein the coating is disposed or deposited uniformly on the screen fibers.

58. (New) The screen of claim 55, wherein the coating bonds the fibers at their intersections.

59. (New) The screen of claim 55, wherein the coating is applied to the screen by electroplating, chemical vapor deposition, or applying curable liquid coatings.

60. (New) The screen of claim 55, wherein the coating comprises an organic material.

61. (New) The screen of claim 60, wherein the organic material comprises finely divided carbon, pigmented polymeric materials derived from aqueous or solvent based paints or coating compositions, or chemical vapor deposited organic coatings.

62. (New) The screen of claim 55, wherein the coating comprises vinyl or an inorganic material.

63. (New) The screen of claim 62, wherein the inorganic material comprises a metallic coating.

64. (New) The screen of claim 63, wherein the metallic coating comprises aluminum, vanadium, chromium, manganese, iron, nickel, copper, zinc, silver, tin, antimony, titanium, platinum, gold, or lead.

65. (New) The screen of claim 55, wherein the coating comprises a metal oxide material, metal carbide material, or metal sulfide material.

66. (New) The screen of claim 63, wherein a second layer of the metallic coating is applied to the fibers.

67. (New) The screen of claim 63, wherein two or more layers of the metallic coating are applied to the fibers.

68. (New) The screen of claim 55, wherein the fibers are a mesh fabric or are formed of aluminum, fiberglass, stainless steel, bronze, or copper.

69. (New) An insect screen assembly comprising:  
a screen formed of intersecting uncoated elements, wherein each uncoated element has a width; and  
a coating applied to the uncoated elements to form coated elements;  
wherein the coated elements have a perceived width less than the width of the uncoated elements.

70. (New) The screen of claim 69, wherein the coating bonds the elements at their intersections.

71. (New) The screen of claim 69, wherein the elements are made of glass fibers, metal, metals, or polymers.

72. (New) The screen of claim 69, wherein the elements are woven together.

73. (New) The screen of claim 69, wherein the elements are fused together at each intersection.

74. (New) The screen of claim 69, wherein the elements are woven and fused together at each intersection.

75. (New) The screen of claim 69, wherein the screen is in a fenestration unit.

76. (New) The screen of claim 75, wherein the fenestration unit is a window, a door, or an opening in a wall, building, roof, ceiling, or vehicle.

77. (New) The screen of claim 69, wherein the screen is in an opening of a surface.

78. (New) A reduced visibility insect screen comprising:  
a screen formed of intersecting elements;  
a coating applied to the screen;  
wherein the coating increases a diffuse reflection of the screen.

79. (New) The screen of claim 78, wherein the coating is a dull coating.

80. (New) The screen of claim 78, wherein the coating has a roughened surface.

81. (New) A method of producing a reduced visibility screen comprising:  
forming a screen of intersecting elements, wherein each element has a perceived width;  
coating the elements of the screen;  
wherein the coated elements have a coated perceived width less than the perceived width.

82. (New) The method of claim 81, wherein the screen elements are woven.

83. (New) The method of claim 81, wherein the screen elements are fused together.

84. (New) An insect screen mesh fabric comprising:  
a screen of intersecting elements; and,  
a coating applied to the elements;  
wherein the coating bonds the elements at each intersection.

85. (New) An insect screen having a transmittance, said screen comprising:  
a plurality of mutually orthogonal elements forming open areas that, in aggregate, define a percent open area of said screen;  
a coating applied to the elements;

wherein the percent open area corresponds substantially to the transmittance of the screen.

86. (New) The insect screen of claim 85, wherein the percent open area facilitates increased airflow through the screen.

87. (New) An insect screen comprising:  
a frame defining a frame perimeter and an opening; and,  
a screen mounted to said frame spanning said opening, the screen having a plurality of elements with a coating disposed thereon; the elements having a width between about 0.0035 inch and about 0.007 inch.

88. (New) A reduced visibility insect screening comprising:  
a plurality of intersecting elements extending horizontally and vertically to form openings;  
wherein the screening has an open area of at least 75%; wherein the openings have horizontal and vertical dimensions of 0.06 inches or less, and wherein the screening has a reflectance of 0.04 or less.

89. (New) The screening of claim 88 wherein the horizontal and vertical dimensions are 0.05 inches or less.

90. (New) The screening of claim 88 wherein the horizontal and vertical dimensions are 0.03 inches or less.

91. (New) The screening of claim 88 wherein the horizontal and vertical dimensions are 0.022 inches or less.

92. (New) The screening of claim 88 wherein the horizontal and vertical dimensions are 0.02 inches or less.

93. (New) The screening of claim 88 wherein the reflectance is 0.03 or less.

94. (New) The screening of claim 88 wherein the reflectance is 0.02 or less.

95. (New) The screening of claim 88 wherein the elements have a black matte surface finish.

96. (New) The screening of claim 88 wherein the screening includes a coating.

97. (New) The screening of claim 96 wherein the coating comprises a polymeric material.

98. (New) The screening of claim 97 wherein the coating is applied as a curable fluid.
99. (New) The screening of claim 98 wherein the curable fluid is a liquid.
100. (New) The screening of claim 96 wherein said coating bonds the elements at their intersections.
101. (New) The screening of claim 88 wherein the open area is 80% or more.
102. (New) The screening of claim 101 wherein the horizontal and vertical dimensions are 0.05 inches or less.
103. (New) The screening of claim 101 wherein the horizontal and vertical dimensions are 0.03 inches or less.
104. (New) The screening of claim 101 wherein the horizontal and vertical dimensions are 0.022 inches or less.
105. (New) The screening of claim 101 wherein the horizontal and vertical dimensions are 0.02 inches or less.



106. (New) The screening of claim 101 wherein the reflectance is 0.03 or less.
107. (New) The screening of claim 101 wherein the reflectance is 0.02 or less.
108. (New) The screening of claim 101 wherein the elements have a black matte surface finish.
109. (New) The screening of claim 101 wherein the screening includes a coating.
110. (New) The screening of claim 109 wherein said coating bonds the elements at their intersections.
111. (New) The screening of claim 88, wherein the elements are formed of aluminum, fiberglass, stainless steel, bronze, or copper.
112. (New) The screening of claim 88, wherein the elements comprise a mesh fabric.
113. (New) A method of forming a fenestration unit comprising:  
forming a frame that encases an opening;

coating a screen comprised of intersecting uncoated elements, wherein each uncoated element has a width, and wherein the coating applied to the uncoated elements forms coated elements, and wherein the coated elements have a perceived width less than the width of the uncoated elements; and,

spanning a screen over the opening.

114. (New) A method of forming a fenestration unit comprising:

forming a frame that encases an opening;

spanning a screen over the opening, wherein the screen has a transmittance and includes a plurality of mutually orthogonal elements forming open areas that, in aggregate, define a percent open area of said screen that corresponds substantially to the transmittance of the screen; and,

applying a coating to the elements.